

## EAST Search History

### EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	"7116721".pn. and (level near5 quantiz\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/29 11:32
L2	0	"5534827".pn. and (quantiz\$3 near5 level)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/29 11:34
L3	21	(quantiz\$3 near5 level) near4 (choice compromise)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/29 11:40
L4	2	3 and (delta near2 sigma)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/29 11:41
L5	19	3 not 4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/29 11:42
L6	1	((chang\$3 vary\$3) adj4 quantizer) near5 (ntf (noise adj2 function))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/29 12:12
L7	1	((chang\$3 vary\$3) near4 quantizer) near5 (ntf (noise adj2 function))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/29 12:13

L8	1	((chang\$3 vary\$3) near6 quantizer) near8 (ntf (noise adj2 function))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/29 12:13
L9	1	"7116721".pn. and quantizer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/29 12:14
L10	0	"5534827".pn. and quantizer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/29 12:18
L11	0	"7116721".pn. and (prefilter pre-filter)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/29 12:20
L12	1	"7116721".pn. and "205"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/29 12:20
L13	0	"7116721".pn. and ((lowpass low-pass) near4 (loop adj filter))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/29 12:47
L14	0	"7116721".pn. and ((lpf lowpass low-pass) near6 (loop adj filter))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/29 12:47
L15	0	"7116721".pn. and ((lpf lowpass low-pass) near10 (loop adj filter))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/29 12:48

L16	0	"7116721".pn. and ((lpf lowpass low-pass) same (loop adj filter))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/29 12:48
L17	1	"7116721".pn. and ((lpf lowpass low-pass) and (loop adj filter))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/29 12:49
L18	6339	((peak threshold) near3 detect\$3) near5 (improv\$3 enhanc\$3 reduc\$3 optimiz\$3 maximiz \$3 minimiz\$3 attenuat\$3 cancel \$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/29 13:43
L19	4439	((peak threshold) near3 detect\$3) near3 (improv\$3 enhanc\$3 reduc\$3 optimiz\$3 maximiz \$3 minimiz\$3 attenuat\$3 cancel \$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/29 13:44
L20	41	19 and (delta near2 sigma)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/29 13:44
L21	7	20 and "341"/\$	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/29 13:45
L22	34	20 not 21	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/29 13:46

L23	8	22 and "375"/\$	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/29 13:46
L24	26	22 not 23	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/29 13:50
L25	1372	19 and (adc a/d digitiz\$3 (analog\$2 adj2 digital))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/29 13:56
L26	1334	25 not 20	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/29 13:56
L27	264	26 and ("341"/\$ "375"/\$)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/29 13:57
L28	1	(peak adj detect \$3) near3 (lpf (low- pass)) and (delta near2 sigma).ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/29 17:10
L29	5	(peak adj detect \$3) near3 (lpf (low- pass)) and (delta near2 sigma)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/29 17:11
L30	1	((peak near5 divid \$3) near5 range) near5 (ntf (noise adj2 function))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/29 17:38

L31	1	((peak near5 (divid \$3 division)) near10 range) near10 (ntf (noise adj2 function))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/29 17:40
L32	5486	(delta near2 sigma) near3 (adc a/d (analog adj2 digital))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/29 18:06
L33	936	32 and (delta near2 sigma) near3 (dac d/a (digital adj2 analog\$2))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/29 18:07
L34	2321	"333" and "341"/\$	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/29 18:08
L35	632	33 and "341"/\$	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/29 18:08
L36	265	35 and (delta near2 sigma).ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/29 18:10
L37	18	(sigma near2 delta) and (preamplifier pre- amplifier) and microphone.ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/29 18:18
L38	1	((minimum adj value\$1) near4 noise) near6 (loop adj filter)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/29 18:30

L39	1	((minimum adj value\$1) near6 noise) near6 (loop adj filter)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/29 18:31
L40	1	((minimum smallest) adj value \$1) near6 noise) near6 (loop adj filter)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/29 18:32
L41	151	(coefficient\$1 near3 integrat\$3) near4 (chang\$3 alter\$3 vary\$3 modify\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/29 18:37
L42	3	41 and (ntf (noise adj2 function))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/29 18:38
L43	151	(chang\$3 alter\$3 vary\$3 modify\$3) near5 ((threshold level) near3 quantizer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/29 18:44
L44	18	43 and (ntf (noise adj2 function))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/29 18:45
L45	3	(loop adj gain) near4 (ntf (noise adj2 function))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/29 20:02
L46	5	(loop adj gain) near6 (ntf (noise adj2 function))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/29 20:04

L47	2	46 not 45	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/29 20:04
L48	3	(loop adj2 gain) near4 (ntf (noise adj2 function))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/29 20:06
L49	0	(filter adj2 gain) near4 (ntf (noise adj2 function))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/29 20:07
L50	3	(loop adj3 gain) near4 (ntf (noise adj2 function))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/29 20:07
L51	4662	341/143	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/29 20:45
L52	4504	341/144	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/29 20:45
L54	494	375/245	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/29 20:45
L55	6381	341/155	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/29 20:46

L56	450	375/247	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/29 20:46
L57	12373	(51 52 54 55 56)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/29 20:47
L58	3339	57 AND (DELTA NEAR2 SIGMA)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/29 20:47
L59	588	58 and (ntf (noise adj2 function))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/29 20:48
L60	67	59 and (ntf (noise adj2 function)) near5 (chang\$3 alter\$3 modify\$3 control\$4 program \$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/29 20:51
S1	48	(noise adj2 transfer adj2 function) near5 (chang\$3 alter\$3 vary\$3 varied program\$4 )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/17 18:43
S2	39	S1 and (delta near2 sigma)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/17 18:44
S3	19	S2 and amplitude	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/17 18:45

S4	48	(noise adj2 transfer adj2 function) near5 (chang\$3 alter\$3 vary\$3 varied program\$4 )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/18 18:26
S5	39	S4 and (delta near2 sigma)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/18 18:26
S6	9	S4 not S5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/18 18:26
S7	1	S6 and (adc a/d digitiz\$3 (analog\$2 adj2 digital))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/18 18:27
S8	625	(noise adj4 function) near5 (chang\$3 alter\$3 vary\$3 varied program\$4 )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/18 19:28
S9	52	S8 and (delta near2 sigma)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/18 19:28
S10	13	S9 not S5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/18 19:29
S11	7	S10 and amplitude	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/18 19:30

S12	6	S10 not S11	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/18 19:37
S13	119	hochschild and (transfer adj3 function) and (adc a/d digitiz\$3 (analog\$2 adj2 digital))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/18 19:57
S14	105	S13 and (amplitude magnitude strength)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/18 19:58
S15	53	S14 and "341"/\$	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/18 20:08
S16	1721	((transfer adj function) near5 (chang\$3 adjust\$3 vary\$3 alter\$3 replac\$3 transform \$3 substitut\$3 modify\$3 modified) same (amplitude magnitude strength)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/19 15:45
S17	852	S16 and (adc a/d digitiz\$3 (analog\$2 adj2 digital))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/19 15:46
S18	104	S17 and (delta near2 sigma)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/19 15:47

S19	48	(noise adj2 transfer adj2 function) near5 (chang\$3 alter\$3 vary\$3 varied program\$4 )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/19 15:48
S20	101	S18 not S19	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/19 15:48
S21	5	S20 and (adc a/d digitiz\$3 (analog\$2 adj2 digital)).ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/19 15:51
S22	64	(noise adj2 transfer adj2 function) near10 (amplitude, magnitude (signal adj strength))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/24 18:34
S23	43	S22 and (sigma near2 delta)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/24 18:34
S24	318	(ntf (noise adj transfer adj function)) near4 (control\$4 adapt\$3 adjust\$3 attenuat \$3 alter\$3 modify \$3 modified chang \$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/24 19:01
S25	141	S24 and (delta near2 sigma)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/24 19:02

S26	91	S25 and (ntf ((noise adj transfer adj function)) near10 (amplitude magnitude (signal adj strength)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/24 19:03
S27	48	(noise adj2 transfer adj2 function) near5 (chang\$3 alter\$3 vary\$3 varied program\$4 )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/28 09:41
S28	2	"6587063".pn. and (ntf (noise adj2 function))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/28 09:44
S29	0	"6587063".pn. and (ntf (noise adj2 function)) and (amplitude (signal adj strength))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/28 09:51
S30	0	"6587063".pn. and (ntf (noise adj2 function)) and (loop adj filter)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/28 09:53
S31	0	"6762703".pn. and (ntf (noise adj2 function)) and (loop adj filter)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/28 12:09
S32	0	"7088835".pn. and (ntf (noise adj2 function)) and (loop adj filter)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/28 12:13
S33	1	"7116721".pn. and (ntf (noise adj2 function)) and (loop adj filter)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/28 12:14

S34	0	"7116721".pn. and (ntf (noise adj2 function)) and (loop adj filter) and (amplitude (signal adj strength))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/28 12:17
S35	241	((noise adj2 function) ntf ) near10 amplitude	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/28 13:12
S36	32	S35 and (delta near2 sigma)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/28 13:13
S37	506	(large adj amplitude) adj2 (improv\$3 enhanc \$3 reduc\$3 decreas \$3 increas\$3 maximiz\$3 minimiz \$3 optimiz\$3 attenuat\$3 eliminat \$3 cancel\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/28 17:14
S38	8	S37 and "341"/\$	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/28 17:14
S39	1	"7116721".pn. and "205"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/28 17:27
S40	1	"7116721".pn. and (loop adj filter)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/28 17:29

S41	0	"7116721".pn. and (coefficient near3 integrator\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/28 19:22
S42	0	"5534827".pn. and (coefficient near3 integrator\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/28 19:22

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